

L 1427-64 BWT(m)/BDS ASD/A7FTC

ACCESSION NR: AP3003192

P/0053/63/COO/05-/0343/0347

AUTHOR: Zak, Wieslaw

TITLE: Operational data of Polish one window Geiger-Muller alcohol counters

SOURCE: Przegląd elektroniki, no. 5-6, 1963, 343-347

TOPIC TAGS: Geiger-Muller counter, Geiger counter quenching system, one window alcohol counter

TRANSLATION: In order to study the deterioration of measuring equipment caused by radiation detectors after a relatively short operation time, Polish one-window alcohol counters of the BAT-25 (BAN-55, AAN-55, etc.) type were used as radiation detectors with and without a quenching system. To define the rate and nature of the parameter changes of the measuring equipment with and without a quenching system, the relationship between the number of counts and the control preparation was determined as a function of the operation time. The use of a quenching system not only improved the characteristics of the counters, but also increased their life span considerably. However, the use of an extinguishing system is

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ACCESSION NR: AP3003192

not ideal since the electron-measuring apparatus must be extended. Orig. art.
has: 7 figures and 1 table.

ASSOCIATION: Instytut Badan Jadrowych, Dzial Dozymetrii (Institute of Nuclear
Research, Dosimetry Division)

SUBMITTED: 00

DATE ACQ: 23Jul63

ENCL: 00

SUB CODE: GZ, PH

NO REF SOV: 000

OTHER: 000

Card 2/2

ZAK, Ye. B. and MARFENKO, O. V.

"Structure of the Lower Limit of Cloud Cover," Trudy Tsentral'noy
Aerologicheskoy Observatorii, No.7, pp 3-15, 1952

Translation M-1084, 25 Apr 56

ZAK, E. G.

Kharakteristika frontal'noi oblachnosti po dannym samoletnykh
pod'emov. (Meteorologiya i gidrologiya, 1937, no. 8, p. 15-28, diagrs.)
Title tr.: Characteristics of frontal cloudiness from data obtained
by aircraft ascensions.

QC851.M27 1937

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

ZAK, Ye. G.

"Microstructure of Frontal Clouds," Meteorol. i Gidrol., No.6, 1949

ZAK, Ye. G.

"Frontal Cloud Systems," Trudy NIU GUGMS (Transactions of the Scientific Research
Inst. of the Main Admin. of the Hydrometeorological Service), Series II, No. 14, 1946

ZAK, Wieslaw

Studies on the operational effectiveness of Polish-made
Geiger-Muller counters. Przegl elektroniki 4 no. 5/6:
343-347 My-Je '63.

1. Instytut Badan Jadrowych, Dzial Dozymetrii, Warszawa.

MAIKINA, A.D.; ZAK, Ye.G.

Freezing process in drops of liquids. Trudy TSAO no.9:61-76 '52.
(Drops) (Phase rule and equilibrium) (MIRA 11:5)

ZAK, Ye.G.; SHEZHINSKIYA, I.V., redaktor; BRAYNINA, M.I., tekhnicheskii
redaktor.

Experimental study of cloud systems of a warm front. Trudy TSO
no.15:4-191 '56. (MLBA 9:8)
(Clouds)

20-2-39/60

AUTHORS: Voskresenskaya, N. P. , Zak, Ye. G.

TITLE: On Oxygen Absorption by Plant Leaves in Various Spectral Regions (O pogloshchenii kisloroda list'yami rasteniy v raznykh uchastkakh spektra)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 2, pp. 375-378 (USSR)

ABSTRACT: Absorption of CO₂ carbon into different organic compounds in accordance with the processes of photosynthesis is not equal for the short-wave range and the long-wave range of the spectrum of physiological radiation. Some indirect data suggest as cause for this the change in the oxidation-reduction regime of the photosynthesizing cells under different conditions of exposure. The intensification of the synthesis of albumen and of amino acids, the accumulation of organic acids during experiments of long duration, and the shift of the points of compensation of the photosynthesis into the direction of stronger exposure to light in the short-wave radiation range permit the assumption that under these conditions

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20-2-39/60

On Oxygen Absorption by Plant Leaves in Various Spectra Regions

the intensification of the process of oxidation takes place which can be connected with the activation of the absorption of oxygen by the leaf. The paper under review describes an attempt of directly measuring the velocity of absorption of oxygen by the leaves under short-wave and long-wave radiation: 400 - 580 m ("blue light") and 580 - 700 m ("red light"). The comparison of the activities of absorption was conducted (also in darkness) manometrically with the aid of the Warburg apparatus at 25°. For purposes of a direct determination of the velocity of absorption, the photosynthesis would have to be eliminated; such an elimination by application of poisons has not been entirely successful. Therefore the authors of the paper under review carried out their investigations with etiolated material as well as with such spots of the plant forms that were free of chlorophyll. On basis of the results obtained it is possible to speak of the existence of differences in the oxidizing-reducing regime of the leaves if they are exposed to long-wave or short-wave light. These differences manifested themselves as different velocities of absorption of oxygen. It appears that the carotinoids and endoxidases (flavoproteins) as

Card 2/4

20-2-39/60

On Oxygen Absorption by Plant Leaves in Various Spectral Regions

well as the cytochrome system were responsible for the increase in absorption. Although these results were obtained with regard to parts of leaves that were not green, this may hold valid also for green leaves. Thus it can be assumed that the intensification of the absorption of oxygen at exposure to blue light is based on this photochemical reaction, i.e. on the absorption of light of this sector by the photoactive ferments of the breathing systems, together with the carotinoids. As results of the photochemical reaction that yields additional energy to the above systems, they must be activated. In the case investigated by the authors of the present paper, this circumstance probably favored the intensification of absorption by the cell both of the atmospheric oxygen as well as of the oxygen produced during the process of the photosynthesis. There are 1 figure, 4 tables, and 14 references, 7 of which are Slavic.

Card 3/4

On Oxygen Absorption by Plant Leaves in Various Spectral Regions 20-2-39/60

ASSOCIATION: Institute of Plant Physiology im. K. A. Timiryazev, AS USSR
(Institut fiziologii rasteniy imeni K. A. Timiryazeva Akademii nauk SSSR)

PRESENTED: March 5, 1957, by A. L. Kursanov, Academician

SUBMITTED: March 5, 1957

AVAILABLE: Library of Congress

Card 4/4

2 AK, Ye. G.

3(7)

PHASE I BOOK EXPLOITATION

SOV/2442

Tsentral'naya aerologicheskaya observatoriya

Trudy, vyp. 19 (Transactions of the Central Aerological Observatory, Nr 19)
Moscow, Gidrometeoizdat, 1958. 104 p. 1,000 copies printed.

Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby
pri Sovete Ministrov SSSR.

Ed. (Title page): A. Kh. Khrgian; Ed. (Inside book): L. V. Blinnikov;
T. Ye. Zemtsova.

PURPOSE: This collection of articles is intended for meteorologists and aerolo-
gists.

COVERAGE: These articles are studies in the physics of clouds and precipitation
and in the techniques of controlling these phenomena. The papers contain
information on the characteristics of the microstructure - the water content
of clouds and the properties and processes in the build-up of cumulonimbus
clouds, as studied by radar. Artificial fog dispersion through the formation
of snow crystals is described as is a new theory for the formation of
crystalline nuclei near strongly cooled bodies. A chamber for studying the
formation dispersion of fogs and their optical properties is also described.

Card 1/2

Transactions of the Central Aerological Observatory (Cont.) SOV/2442

There are 29 references: 19 Soviet, 8 English, and 2 French.

TABLE OF CONTENTS;

Minervin, V. Ye., I. P. Mazin, and S. N. Burkovskaya. New Data on the Water
Content of Clouds 3

Zak, Ye. G., and A. A. Fedorova. Results of Radar Observations on the
Formation and Development of Precipitation in Cumulonimbus [Torrential] Clouds 33

Seregin, Yu. A. Dispersion from the Earth of Supercooled Fogs by Silver
Iodide Aerosol 68

Krutsкая, L. I. Methods for Computing the Number of Ice Nuclei Forming
Under the Action of Cooling Reagents 81

Gromova, T. N., and A. D. Solov'yev. Laboratory Equipment for Analyzing
Artificial Fogs 101

AVAILABLE: Library of Congress

Card 2/2

MM/mg
10-5-59

ZAK, Ye. G.

PHASE I BOOK EXPLOITATION SOV/5852

Borovikov, Aleksandr Moiseyevich, Ivan Ivanovich Gayvoronskiy, Yelizaveta Germanovna Zak, Vadim Vladimirovich Kostarev, Il'ya Pavlovich Mazin, Vladislav Yevgen'yevich Minervin, Aleksandr Khristoforovich Khrgian, and Solomon Moiseyevich Shmeter

Fizika oblakov (Cloud Physics) Leningrad, Gidrometeoizdat, 1961. 458 p.
5000 copies printed.

Ed. (Title page): A. Kh. Khrgian; Ed. : V. S. Protopopov; Tech. Ed. :
M. I. Braynina and O. G. Vladimirov.

PURPOSE: This book is intended for meteorologists and for specialists in forecasting service and aviation.

COVERAGE: The book describes modern methods of studying the development, structure and origin of clouds. Special attention has been given to the forma-

Card 140

Cloud Physics

SOV/5852

tion of microscopic elements in clouds. The macroscopic properties of clouds are also studied in detail. Their position in space, motion, as well as their connection with thermodynamic structure of the atmosphere, general circulation, cyclonic activity, etc. are investigated. Flying in clouds is briefly discussed. One chapter deals with cloud modification and seeding. The book is based on Soviet and non-Soviet sources. Ch. I was written by Ye. G. Zak and I. P. Mazin; Ch. II, by A. M. Borovikov, V. Ye. Minervin, A. Kh. Khrgian and S. M. Shmeter; Ch. III, V, and VI, by A. Kh. Khrgian; Ch. IV, by A. Kh. Khrgian and S. M. Shmeter; Ch. VII, by Ye. G. Zak; Ch. VIII, by A. M. Borovikov; Ch. IX, by I. P. Mazin; Ch. X, by I. I. Gayvoronskiy; Ch. XI, by V. V. Kostarev, V. Ye. Minervin and A. Kh. Khrgian. The authors thank L. T. Matveyev and A. M. Baranov. There are 632 references: 274 English, 254 Soviet, 71 German, 30 French, 2 Hungarian and 1 Polish.

Card 2/10

1. V. A. V. A.

Effect of molecular oxygen on the formation of amino acids during
photosynthesis in *Chlorella* under various conditions of light.
(MIRA 18:6)

1. In the presence of molecular oxygen, the formation of amino acids in *Chlorella* is inhibited. (MIRA 18:6)

ZAK, Ye.G.; NICHIPOROVICH, A.A.

Paths of the formation of amino acids during photosynthesis.
Fiziol. rast. 11 no.6:945-950 N-D '64.

(MIRA 18:2)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.

ZAK, Ye.G.

Temperature characteristics of high clouds. Trudy TSAG no.59:32-
53 '64. (ICRA 37-10)

ZAK, Ye.G.; NICHIPOROVICH, A.A.

Formation of amino acids during photosynthesis, identification and degradation of glycine, alanine and serine.
Fiziol. rast. 11 no.1:20-30 Ja-F '64. (MIRA 17:2)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR,
Moskva.

ZAK, Ye.G.

Methods of the cleavage of alanine, serine and glycine [with
summary in English]. Fiziol. rast. 10 no.2:238-243 M-Ap '63.
(MIRA 16:5)

1. Institut fiziologii rasteniy imeni K.A. Timiryazeva AN SSSR,
Moskva.

(Alanine) (Serine) (Glycine)

ZAK, Ye.G.

Vertical distribution of clouds of the upper layer. Trudy TSAO no.39:
13-23 '62. (MIRA 15:6)

(Clouds)

ZAK, Ye.G.; CHERNEGA, I.G.

Spatial distribution of frontal clouds of the upper layer. Trudy
TSAO no.39; 4-38 '62. (MIRA 15:6)
(Clouds)

ZAK, Yu.A.; RUVINSKIY, L.A.

Using the system of network planning in the woodpulp and
paper industry. Bum. i der. prom. no.4:3-10 Q-D '65.
(MIRA 18:12)

ZAK, Yu.I.; APOYAN, V.T.

Azygography in lung cancer. Trudy ISIU 62:78-89 '63.

(MIRA 18:3)

1. II kafedra klinicheskoy khirurgii (zav. prof. B.K.Osipov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

ZAK.Yu.I., dotsent; PERKIN, E.M., kand. med. nauk

Perforating cholecystitis. Trudy TSIU 66:183-192 '64. (MIRA 18:5)

ZAK, Yu. I., doctent; 1964 NOV, 1, b., kand. med. nauk

Late results of surgical treatment in cholecystitis. Vest. khir.
93 no. 12:29-32 D '64. (MIRA 12:5)

1. Iz 2-y kafedry klinicheskoy khirurgii (zav. - prof. B K. Gaidov)
TSentral'nogo Instituta unovershenstvovaniya vrachey (rektor --
M. D. Kovrigina).

ZAK, Yu.I.

Review of Iu.V. Astrozhenkov's book "Acute surgical diseases of
the organs of the abdominal cavity in elderly persons." Sov. med.
28 no.4:155-157 Apr '64. (NIRA 17:12)

ZAK, Yu.I., dotaent

Some problems in the surgical treatment of cholecystitis. Trudy
TSIU 2:247-255 '61. (MIRA 15:8)
(GALL BLADDER—DISEASES)

ZAK, Z.; OSTROWSKI, W.

Preparation and properties of riboflavin flavoprotein of
soluble fraction of egg yolk. Acta biochim. pol. 10 no.4:
427-441 '63.

1. Department of Physiological Chemistry, Medical School,
Krakow.

(EGG YOLK) (RIBOFLAVIN) (PROTEINS)
(CHEMISTRY)

ZAK, Z.; OSTROWSKI, W.

Preparation and properties of riboflavin flavoprotein of
soluble fraction of egg yolk. Acta biochim. pol. 10 no.4:
427-441 '63.

1. Department of Physiological Chemistry, Medical School,
Krakow.

(EGG YOLK) (RIBOFLAVIN) (PROTEINS)
(CHEMISTRY)

2443
Polish Technical Abst.
No. 4, 1953
Chemistry and Chemical
Technology

631.82:622.332
Litynski T., Zulinski R., Zak Z. The Fertilizing Value of Polish Brown Coal.
Wartosc nawozowa krapjowego węgla brunatnego. Przemysl Chemiczny, No. 12, 1952, pp. 554-568, 3 figs., 4 tabs.
Since certain chemical difficulties may occur in the use of ammonia as a liquid nitrogen fertilizer the authors propose the use for this purpose of Polish brown coal saturated with ammonia. Properly prepared coal-ammonia products contain about 25% or 5% of ammonia; the entire quantity of nitrogen introduced with these preparations is available to plants, and in addition to the nitrogen a quantity of humus appears in a water-soluble form. Since humus stimulates the growth of plants, the fertilizing efficiency of coal-ammonia products may be higher than that of pure ammonia or of coal individually. Thus it was possible the introduction into agriculture of both ammonia and indigenous brown coal as crop improvers.

ZAK, Z.

Litynski, T.; Jurkowska, H.; Zak, Z. "Influence of Lignite on the Production of Citric Acid by Aspergillus Niger" p. 291 (Acta Microbiologica Polonica, Vol. 1, No. 4, 1952, Warszawa)

East European Vol. 3, No. 3 1954
SO: Monthly List of ~~Accessions~~ Library of Congress, March 1954, Uncl.

ZAK, Z.

ZAK, Z. Consumption of materials and analysis of the economical
qualities of bridges with floors of reinforced concrete slabs.
p. 318, Vol 4, no. 7, July 1956. INZENYRSKE STAVBY
(Ministerstvo stavebnictvi)
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

SKARZYNSKI, B.; OSTROWSKI, W; NIEMIANSKA, Z.; ZAK, Z.

Combination of vitamin B12 with proteins. II. Distribution of vitamin B12 in biological structures. Acta biochim.polon.2 no.2:115-127 1955.

1. Z Zakładu Chemii fizjologicznej AM w Krakowie. Kierownik: prof. dr B. Skarzynski.

(VITAMIN B12, metabolism,
binding with proteins)

(PROTEINS,
binding of vitamin B12)

ZAK, Z.D.

Indication of requirements for symmetric layout of elements.
Standartizatsiia 27 no.9:50-52 S '63. (MIRA 16:10)

28-3-21/33

AUTHOR: Zak, Z.D., Engineer

TITLE: Projected Standard for Drawing Sheet Formats (Proyekt standart na formaty chertezhey)

PERIODICAL: Standartizatsiya, 1957, # 3, May-June, p 75-77 (USSR)

ABSTRACT: The projected standard for drawing sheet formats - to replace the existing GOCT 3450-52 - is to bring about better utilization of drawing paper, tracing paper and blueprint paper which is being produced by the paper industry in 834 x 1172 mm sheets or in rolls of 840 and 850 mm in width. The presently used, and the planned formats, are given. The number of presently used formats, for drawings as well as all other technical documents, is over 500. The new standard will cut this figure to 19. The formats used in Bulgaria, Czechoslovakia, Hungary, Germany, Rumania, Poland and other countries are mentioned.

There are 2 charts.

AVAILABLE: Library of Congress

Card 1/1

ZAK, Z.D.

Development of the drawings of technical variations.
Standartizatsiia 27 no.5:34-40 My '63. (MIRA 16:6)

(Mechanical drawing)

AUTHORS: Zak, Z.D., and Malkin, D.M., Engineers 28-58-3-17/39

TITLE: Modern Requirements for a Drawing System (Sovremenyye trebovaniya k sistema chertezhnogo khozyaystva)

PERIODICAL: Standartizatsiya, 1958, Nr 3, pp 50-56 (USSR)

ABSTRACT: The article treats problems of the development of a standard for a technical drawing system (Systema chertezhnogo khozyaystva, of "SchKh") on which Leningradskiy filial VPTI (Leningrad Branch of VPTI) is working, the draft of which has been issued for discussion. The authors criticize the project and state that it does not meet the problem and, in parts, complicates what must be simplified. There have been no standard rules for many technical details of drawings. As a result, different industry branches or even single plants used their own conventional signs and rules. The drawings cannot be used by others without considerable preliminary work. The experience of Soviet as well as foreign industry and the recommendations of ISO/TC 10 must be utilized for the new system. It must be correlated with the corresponding standards of the East Bloc countries. The Committee of Standards, Measures and Measuring Devices must organize a special technical committee which would work out a scientific

Card 1/2

Modern Requirements for a Drawing System

28-58-3-17/39

basis for the system. There is 1 Soviet reference.

Card 2/2

1. Drafting--Standards

COUNTRY : HUNGARY
 CATEGORY : Chemical Technology. Chemical Products and
 Their Uses. Part 3. Processing of Natural
 RES. JOUR. : HZKhim., No. 1 1960, No. 2432
 AUTHOR : Fyul, G.; Zakar, P.; Moses, G.
 INST. : Hungarian Research Institute of Petroleum and
 TITLE : Expansion of Research Work on Bitumens in
 Hungary
 ORIG. PUB. : Magyar Kem. lapja, 1958, 13, No 10-12, 376-379
 ABSTRACT : The article gives a review of research work on
 the production and application of bitumen,
 carried out at the Hungarian Research Institute
 of Petroleum and Natural Gas, particularly in
 view of producing, out of petroleum of the
 *Gases and Petroleum. Motor and Rocket Fuels.
 Lubricants
 **Natural Gas

CARD: 1/2

H-102

ZAK-LYPSKAYA, H. I.; KOVALEVA, V. M.; MILYAVSKAYA, T. M.

Measures taken for the control of helminthiasis in Kharkov. Med. paraz.
i paraz. bol. 24 no.4:357-362 O-D '55. (MLRA 9:1)

1. Iz Khar'kovskoy gorodskoy protivomalyariynoy stantsii.
(HELMINTH INFECTIONS, prevention and control,
in Russia)

ZAK-LIPEKAYA, R.I.
VISHNEVSKAYA, S.M., kandidat meditsinskikh nauk; SURSOVA, N.A.; ZAK-LIPEKAYA,
R.I.; DEYHELO, M.P. (Khar'kov)

Sanitary helminthological condition of rivers in Kharkov. Vrach.delo
no.11:1191-1193 N '56. (MLEM 10:3)

(KHARKOV--WATER--POLLUTION)

(WORMS, INTESTINAL AND PARASITIC)

ZAK-OGAZA, B.

POLAND / General and Specialized Zoology. Insects. P
Biology and Ecology.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78259

Author : Zak-Ogaza, Barbara

Inst :

Title : Chalcidae Parasites of the Coccid Family
Lecaniidae (Hom., Coccidea), Part I

Orig Pub : Polskie pismo entomol., 1956 (1957), 26, No. 1-
26, 249-259

Abstract : A checklist (14 species) of Chalcidae bred in
Poland from 12 species of soft-scaled Lecaniidae.
(13 species of Chalcidae were found in Poland
for the first time.

Card 1/1

ZAKABLUKOVSKIY, N.G.

Effect of drilling conditions on the basic indices of the combination drilling method with sinker drills. Izv.Sib.otd,AN SSSR no.11:36-44 '58. (MIRA 12:2)

1. Zapadno-Sibirskiy filial AN SSSR.
(Boring)

ZAKABLUKOVSKIY, N. G., Candidate Tech Sci (diss) -- "Investigation of shock-rotary drilling with immersion hammers". Novosibirsk, 1959. 10 pp (Min Higher Educ USSR, Tomsk Order of Labor Red Banner Polytech Inst in S. M. Kirov, Acad Sci USSR, Siberian Dept), 150 copies (KL, No 24, 1959, 136)

SAFRONOV, P., doctent; ZAKABUNINA, M., kand.med.nauk

Armed with war gas. Vosn.-annon. 41 no.12:36 D '65.
(HRA 18:12)

ZAKABUNINA, M.S.; GADASKINA, I.D., doktor biologicheskikh nauk, zavednyushchaya;
~~LAZAREV~~ LAZAREV, N.V., professor, zasluzhennyy deyatel' nauki, nauchnyy rukovoditel'.

Effect of minimal doses of aniline applied to the skin of rabbits. Farm.
i toks. 16 no.2:40-42 Mr-Apr '53. (MLRA 6:6)

1. Toksikologicheskaya laboratoriya Leningradskogo nauchno-issledovatel'skogo instituta gigeny truda i profzabolevaniy.
(Aniline--Physiological effect)

LAZAREV, N.V.; ALEKSANDROV, I.S.; LYUBLINA, Ye.I.; AKKEBERG, I.I.; KAKA-
BUNINA, M.S.; GADASKINA, I.D.; DOBRYAKOVA, N.S.; KREPS, I.F.; KARSIK,
V.M.; LEVINA, E.N.; DANISHEVSKIY, S.L.; YEGOROV, M.M.; RYLOVA, M.L.,
starshiy nauchnyy sotrudnik; KARTOV, B.D.; ANDREYEV, V.V.; LYKHINA,
Ye.T.; ZAMESHAYEVA, O.I.; ANISIMOV, A.N.; FRIDLYAND, I.G.; DANITSKAYA,
O.L.; BOGOVSKIY, P.A.; TIUNOV, L.A.; MIKHEL'SON, M.Ya.; ABRAMOVA, Ye.I.,
GRIGOR'YEVA, L.M.; KLINSKAYA, K.S.

Third Leningrad conference on the problems of industrial toxicology.
Farm. i toks. 16 no.2:59-62 Mr-Apr '53.

(MLRA 6:6)
(Poisons)

ZAKABUNINA, M.S.

AID P - 3901

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 5/21

Author : Zakabunina, M. S., Aspirant

Title : On the toxicity of "Extralín"

Periodical : Gig. 1. san., 12, 19-22, D 1955

Abstract : "Extralín" is a mixture of three amines: monomethyl aniline (87,6%), aniline (6,99%) and dimethyl aniline (4,43%) used for increasing the antiknock properties of fuels (mostly aircraft gasolines, GCST 3737-47). Describes tests on rabbits for determining the toxicity of this compound, and recommends special safety measures in handling it. Tables, diagrs. Bibliography.

Institution : Leningrad Scientific Research Institute of Industrial Hygiene and Occupational Diseases.

Submitted : S 29, 1954

ZAKABUNINA, M.S.

Minimum concentrations of aniline affecting the central nervous system in rabbits. Farm.1 teks. 18 no.3:41-45 My-Je '55.

(MLRA 8:9)

1. Toksikologicheskaya laboratoriya (zav.-doktor biologicheskikh nauk I.D. Gadaskina, nauchnyy rukovoditel'-zasluzhennyy deyatel' nauki prof. M.V. Lazarev) Leningradskogo instituta gigiyeny truda i professional'nykh zabolevaniy.

(ANILINE DYES, effects,

on CNS in rabbits, minimum dose)

(CENTRAL NERVOUS SYSTEM, effect of drugs on,
aniline, minimum dose)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963510007-9

FOR RELEASE TO THE PUBLIC BY THE NATIONAL ARCHIVES

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963510007-9"

SAITONOV, P., dotsent; ZAKARENINA, M., kand. med. nauk

Radiation sickness, its manifestation and treatment. Voen. znan.
41 no.2:30-31 F '65. (MIRA 18:3)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963510007-9

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963510007-9"

ZAKALINSKIY, S.I., insh.

"Mine building in complicated mining geology conditions" by
IA.K.Chukseeva. Reviewed by S.I.Zakalinskiy. Shakht.stroi.
4 no.7:3 of cover. J1 '60. (MIRA 13:7)
(Mining engineering) (Mining geology)
(Chukseeva, IA.K.)

ZAKALINSKIY, S. I.

ZAKALINSKIY, S. I. -- "Investigation of Problems of the Development of Strata of Increased Thickness in the Basin near Moscow." Academy of the Coal Industry, Min Coal Industry USSR. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya letopis'. No. 4, Moscow, 1956

I. 09134-67 EWT(m)/EWP(j) IJP(c) WW/JW/QD/RM

ACC NR: AT6032058

(A)

SOURCE CODE: UR/0000/65/000/000/0056/0058

AUTHOR: Zakalinskiy, V. M.

55

ORG: None

TITLE: Use of a plexiglass model for studying the effect of blasting a cluster of adjacent pits

SOURCE: Moscow. Institut gornogo dela. Novaya tekhnologiya i sistemy podzemnoy razrabotki rudnykh mestorozhdeniy (New technology and systems of underground mining of ore deposits). Moscow, Izd-vo Nauka, 1965, 56-58

TOPIC TAGS: explosive charge, shock wave, mining engineering

ABSTRACT: A plexiglass model is used for studying the pattern of the destructive effect of an explosion and the interaction between shock waves and stress waves when a cluster of adjacent holes is blasted. The specimen used for simulating the elementary layer of rock was a plexiglass sheet measuring 700×600×25 mm with experimental conditions corresponding to explosion of charges in an infinite medium. Holes were drilled perpendicular to the broad side of the sheets and filled with PETN. Clusters of 2, 3 and 4 charges were exploded with distances between centers ranging from 2 to 14 pit diameters. The weight of the charge in a cluster of 4 pits each measuring 3 mm in diameter was 1.2 g. The same quantity of explosive was used in an isolated pit measuring

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ACC NR: AT6032058

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6 mm in diameter. An individual pit in the cluster contained 300 mg of PETN. The charges in the cluster were exploded simultaneously. Photographs of the results are given. It was found that the proposed method of simulation may be used for a quantitative evaluation of blasting as well as for studying important qualitative characteristics of the interaction between shock waves and stress waves during explosion of clustered charges. Explosion of a charge in a cluster of holes with the optimum distance between pits (approximately $9d$ for plexiglass) results in the largest zone of destruction as well as the largest cracks. Studies conducted in cooperation with A. V. Bud'ko showed a new specific physical form in destruction of the medium during explosion of clustered charges: the formation of large oriented cracks in the medium radiating out from the corners of the charges in the cluster. The pits in the cluster may be located to control the shape of the zone of destruction and to form various types of crack systems, i. e. to control the effect of the explosive charge in a manner which is impossible with explosion of isolated pits of large diameter. Orig. art. has: 3 figures.

SUB CODE: 19/ SUBM DATE: 17Sep65

Card 2/2 not

ZAKALINSKIY, V.M. (Moskva)

Investigating the breaking off of ores by concentrated borehole
groups using an electrohydrodynamic analogy method. Izv. AN
SSSR. Met. i gor. delo no.5:159-166 S-O '63. (MIRA 16:11)

BUD'KO, A.V. Prinimali uchastiye: BOGDANOV, G.I.; ~~ZAKALINSKIY~~,
Y.M.; KRIVEL'KOV, N.A.; TOLOCHKO, N.K.; MALAKHOV, G.M.,
prof., doktor tekhn.nauk, redtsnzent

[Automation of stoping operations] Avtomatizatsiya ochi-
stnykh rabot. Moskva, Izd-vo "Nedra," 1964. 133 p.
(MIRA 17:6)

136-3-16/25

AUTHORS: Belogay, P. D., Galich, V.M. and Zakalyukin, I.S.

TITLE: Method of Fixing Filter Cloths onto Suction Filters.
(Sposob krepleniya fil'trtkani na nutch-fil'trakh).

PERIODICAL: Tsvetnyye Metally, 1957, No.3, pp.77-78 (USSR)

ABSTRACT: This is a very brief illustrated description of a method
used at the Davendinsk Works in which filter cloths in the
form of rectangular bags are secured by the weight of a
1/1 steel frame. Cloth changing takes 3 to 4 minutes.
There is one figure.

ASSOCIATION: Davendinsk Works. (Davendinskaya Fabrika)

AVAILABLE: Library of Congress

FADEN, N.N.; ZAKALYUKINA, T.P.

Morphology of the gynoecium and fruit in borage and mint families.
Vest. Mosk. un. Ser.6: Biol., pochv. 20 no.3:31-41 My-1e ' ' '.

(MIRA 18:7)

1. Kafedra vysshikh rasteniy Moskovskogo universiteta.

PETUNIN, P.A.; ZAKALYUZHNYI, M.V.

Oxalic acid amides and hydrazides. Part 6: Oxamincyl hydrazones
and β -acylhydrazides of N-substituted oxaminc acids. Zhur.
ob.khm. 34, no.7:2121-2125 '64 (MIRA 17:8)

1. Permskiy farmatsevticheskiy institut i Khar'kovskiy farma-
tsevticheskiy institut.

PETYUNIN, P.A.; ZAKALYUZHNYI, M.V.

Amides and hydrazides of oxalic acid. Part 4: Hydrazides of N-substituted oxamic acids. Zhur.ob.khim. 34 no.1:28-32 Ja '64.(MIRA 17:3)

1. Permskiy farmatsevticheskiy institut i Khar'kovskiy farmatsevticheskiy institut.

ACC NR: AP6021899 (A,N) SOURCE CODE: UR/0358/66/035/003/0370/0370

AUTHOR: Zakamyrdin, I. A.

ORG: Kazan Veterinary Institute (Kazanskiy veterinarnyy institut)

TITLE: Biological methods of insect control

SOURCE: Meditsinskaya parazitologiya i parazitarnyye bolezni, v. 35, no. 3, 1966, 370

TOPIC TAGS: insect, disease vector, ^{insect} ~~pest~~ control, ~~biological method~~ bacteriology

ABSTRACT:

Bacillus thuringiensis, *Bac. dendrolimus* and *Chromobacterium* specimens were used to infect the nutrient media used in raising houseflies (*Musca domestica*). This method reduced the fly population. Mixing the cultures had no appreciable effect. A one-hundred percent kill of a *Culex modestus* colony occurred within 1—2 days when this method was used.

[W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: 16Sep65/

Card 1/1

UDC: 632.937.15

ZAKAMSKIY, M., inzh.; POLYAKOV, A., inzh.

Following the experience of Moscow and Leningrad automobile
workers. Avt. transp. 36 no. 6:51 Je '58. (MIRA 11:7)
(Motortrucks--Maintenance and repair)

LATATUYEV, V.I.; DENISOV, A.D.; PESHIKOV, O.I.; DORFMAN, E.M.;
ZAKABUNINA, N.I.

Effect of certain salt additions on the rate of chemical
nickel plating. Zhur. prikl. khim. 38 no.5:534-537 Nr 165.
(MIRA 18:11)

1. Submitted April 26, 1965.

ZAKAMYRDIN, I. A. (Post-graduate Student), and ANDREYEV, K. P. (Prof)

"Hexamethylenebenzamid (hexamid B) - a New Repellent against Horseflies."

Veterinariya, Vol. 38, No. 6, 1961. p. 68

Zakamyrdin, I. A. - Post-graduate student) All-Union Scientific
Research Institute of Veterinary Sanitation
(VNIIVS)

NECHAYEV, A.A.; ZAKAMYRDIN, I.A.; LOGVIN, F.

Information and brief news. Veterinariia 40 no.3:92-96
Mr '63. (MIRA 17:1)

1. Zamestitel' nachal'nika Upravleniya veterinarii
Ministerstva sel'skogo khozyaystva SSSR (for Nechayev).

ZAKAMYRDIN, I.A., aspirant

Effect of polychloropinene on the animal organism. Veterinariia
40 no.7:59-61 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii.

(Pinene) (Veterinary hygiene)
(Insects baits and repellents)

ANDREYEV, K.P., prof.; ZAKAMYRDIN, I.A., aspirant

Hexamethylene benzamide (Hexamid B), a new repellent against horseflies. Veterinariia 38 no.6:68-69 Je '61. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Horseflies) (Hexamid)

ZAKAMYRDIN, I.A., aspirant

Protection of livestock from bloodsucking dipterous insects.
Veterinariia 38 no.6:70-73 Je '61. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii.

(Parasites--Cattle) (Insecticides)

ANDREYEV, K.P., prof.; ZAKARYIN, I.A., aspirant

Polychloropinene emulsion for the protection of animals against
bloodsucking insects. Veterinarnia 37 no.8:79-83 Ag '60.
(MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy inatitut veterinarnoy
sanitarii.

(Pinene) (Insects baits and repellents)

ZAKAMYRDIN, I. A. (Post-graduate student)

"An Experiment on the Protection of Cattle from Blood-sucking Dipterous Insects." (see also "Veterinariya", No. 8, 1960)

Veterinariya, Vol. 38, No. 6, 1961. p. 70

Zakamyrdin, I. A. - All-Union Scientific Research Institute of Veterinary Sanitation (VNIIVS)

FILATOV, G.V., KARTASHOV, P.A., MUTIN, M.I., ZAKAMYRDIN, I.A., UZAKOV, U.YA.

" _____ Radiation _____ in investigation of _____ absorption and
_____ out of _____ organization of some insects."

(Approximate translation of title - documents blurred - unable to make out letters.)

Report submitted to the Symp. on the Use and Application of Radioisotopes and
Radiation in the Control of Plant and Animal Insect Pests.
Athens, Greece 22-26 April 1963

ZAKAMYRKH, I. A. and ANDREYEV, E. P.

"Polichlorpinen emulsion as a method of the struggle against blood-sucking insects."

Veterinariya, Vol. 37, No. 8, 1960, p. 79

Zakamyrdin - aspirant, all-union Sci. Res. Inst. Vet. Sanit.

BOGATYREV, I.A.

Use of the DSD disinfectant system. Voprosy 1986, No. 1: 12-13
My '86. (112: 12: 1)

1. Glavnyy vopros ob oshibkakh "Pervonachalnoy." Tallykoy obshch.
(Disinfection and disinfectants)

GUDOVICH, N.V., kand. khim. nauk; OVCHARENKO, F.D., akademik, doktor
khim. nauk; CHUGAY, O.D. [Chuhai, O.D.]; BORISOVA, T.S.
[Borysova, T.S.]; CHORNOUS, D.G. [Chornous, D.H.];
ZAKANAVSKAYA, T.I. [Zakanava'ka, T.I.]

Effect of the nature of filler surface on rubber strengthening.
Khim. prom. [Ukr.] no.2:45-48 Ap-Je '63. (MIRA 16:8)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR
(for Gudovich, Ovcharenko). 2. Kiyevskiy zavod "Chervoniy
gumovik" (for Chugay, Borisova, Chornous, Zakanavskaya).

ZAKANDIN, Viktor Il'ich; BARSKIY, A.A., red.; PLESHANOVA, M.I.,
red., izd-va; PARAKHINA, N.L., tekhn. red.

[Technical and economic analysis of the cost of sawmill
products] Tekhniko-ekonomicheskii analiz sebestoimosti
piloproductsii. Moskva, Goslesbumizdat, 1961. 113 p.
(MIRA 15:4)

(Lumbering--Costs) (Sawmills)

ZAKARDIN, Viktor Il'ich; PEREL'MAN, Boris Borisovich; LIKHTGEYM, M.P., red.;
HASLOV, N.A., red. izd-va; LAGUTINA, I.M., tekhn.red.; TOKER, A.M.,
tekhn.red.

[Economic accountability for job superintendents and foremen;
practices of the Cherepovets Metallurgical Building Trust of the
Ministry of Metallurgical and Chemical Plant Construction of the
U.S.S.R.] Khosimistvennyi raschet proizvoditelia rabot i mastersa
na stroichastke; opyt raboty tresta Cherepovetsmetallurgstroit
Ministerstva stroitel'stva predpriatii metallurgicheskoi i
khimicheskoi promyshlennosti SSSR. Moskva, Gos. izd-vo lit-ry po
stroit. i arkhitekt., 1957. 59 p. (MIRA 11:5)

(Construction industry--Accounting)

ZAKANDYRIN, B.O. inzh.

Apparatus used for installing asbestos cement canopies in
subway tunnels. Transp.stroi. 8 no.12:28 D '58,

(MIRA 12:1)

(Subways)

(Asbestos cement)

PIKUL', V.S., kand.tekhn.nauk; ZAKHARYIN, B.G., inzh.

Using vacuum grips in building and assembling operations. Mekh. trud.
rab. 11 no.12:45-46 D '57. (MIRA 11:7)
(Vacuum apparatus) (Hoisting machinery)

MAKOVSKIY, V.L., doktor tekhn.nauk; MARENYY, Ya.I., kand.tekhn.nauk;
ZAKHARYIN, B.G., inzh.

Using vacuum apparatus in tunneling. Transp. stroi. 8 no.2:19-21
P '58. (MIRA 11:2)

(Vacuum apparatus)
(Tunneling)

ZAKANDYRIN, B.G., insh.

Vacuum detector for testing defects in welded seams. Transp. stroi.
8 no.9:30 S '58. (MIRA 21:10)

(Electric welding--Testing) (Vacuum apparatus)

ZAKANY, Laszlo, okleveles gepeszmernok

Up-to-date drying installations in the light industry. Ipari
energia 1 no.5-6:97-102 N-D '60.

ZAKARY, I.

ZAKARY, I. Alteration of the drying equipment with glass plates in the
Leather Factory at Simontornya; also, remarks by J. Vajda.
p. 124.

Vol. 5, No. 6, Dec. 1955.

BCR- ES CIPOTLOHNIKA.

SCIENCE

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

ZAKANY, L.

Continuous operation in the preparatory plants of rubber-shoe factories.
p. 83, BOR- ES CIPOTECHNIKA (Boripari Tudományos Egyesület ming a
Magyar Tudományos Egyesületek Szövetsége Tagegyesülete) Budapest, Vol. 6,
No. 4, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

SARANY, I.

A new type of feeding assembly line in a stitching shop.

P. 37 (BOR-US CHUTECHNIKA) Budapest Vol. 7, No. 2, May 1957.

50: Monthly Index of East European Accessions (AMEI) Vol. 6, No. 11 November 1957.

ZAKAR, Karolyne; LENDVAI, Ferenc

Individual or central dust extraction. Bor cipo 10 no.3:93-
96 My'60

1. Duna Cipogyar.

ZAKAR, Karolyne; LENDRAI, Ferenc

Individual or centralized dust removal? Bor cipo 10 no.3:93-96
My '60.

34

90

PROCESSES AND PROPERTIES OF RUBBER

Raw materials consumed by the [Hungarian] rubber industry. Pál Zakar. Magyar Kém. Lapja 8, 319-320 (1948). ... Inván Family...

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED	INDEXED	SERIALIZED	FILED	COLLATION	REMARKS

ZAFM, P.

Crude oil and bitumen, raw materials at Hegylengyel. p. 110. (HAGYAN
TECHNIKA, Budapest, Hungary), Vol. 9, No. 6, Aug. 1954.

SO: Monthly list of East European Accessions, (SEAL), LG, Vol. 1,
No. 5, May 1955.

ZAKAR, P.

ZAKAR, P. Liquid am. diluted bitumen at Nagyenyel. p. 21. 1956.
PERFUMOR.LAFJA. Budapest. Vol. 10, no. 7, July 1956.

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6 June 1956

ZAKAR, PAL

HUNGARY / Chemical Technology. Chemical Products and Their Application - Treatment of natural gases and petroleum. Motor and rocket fuels. Lubricants J-9

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5923

Author : Nyul Gyula, Vamos Endre, Zakar Pal

Inst : Not given

Title : Extraction Refining of Motor Oils. I. Fundamentals of Cresol Refining

Orig Pub : Magyar kemik lapja, 1955, 10, No 12, 366-369

Abstract : On refining with cresol (I) containing 5% water, oil of required viscosity is obtained with a 53% yield, at 50-40° (top and bottom, respectively) and an oil:solvent ratio 1:3.4. On using anhydrous I a temperature of 29-25° is sufficient (ratio 1:1.5, yield 44%). Analogous data were obtained with

Card 1/2

HUNGARY / Chemical Technology. Chemical Products and Their
Application - Treatment of natural gases and petroleum.
Motor and rocket fuels. Lubricants

J-9

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5923

Abstract : I having a moisture content of about 1%. On using anhydrous I and introducing 8% water into the bottom of the column the yield is 59% at 22-21° with 1:3.3 ratio. Thus, if it is important to make maximum use of equipment it is more advantageous to use I with a moisture content of up to 1%; if a maximum yield of oil is desired -- to introduce water into the bottom of the column. On using anhydrous I an addition of 3% of water to the extract and maintaining at 20° for 24 hours can yield 9% of secondary product (of lower grade), and by adding 5% of water -- 32% of a product of very low grade.

Card 2/2

ZAKAR, P.

Mixing, packing, and transportation of bitumen. p. 100.
MAGYAR KEMIKUSOK LAPJA (Magyar Kemikusok Egyesulete) Budapest.
Vol. 11, no. 4, Apr. 1956.

SOURCE: EEAL, Vol. 5, no. 7, July 1956.

ZAKAR, PAL

HUNGARY / Chemical Technology. Chemical Products and Their
Application - Treatment of natural gases and petroleum.
Motor and rocket fuels. Lubricants

J-9

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5929

Author : Zakar Pal

Inst : Not given

Title : Use of Nagylengyeli Bitumen

Orig Pub : Muszaki elet, 1956, 11, No 7, 21-23

Abstract : No abstract.

Card 1/1

ZAKAR, PAL.

A nagylengyeli nyersolaj; bitumen nyersanyag.

Veszprem, Hungary. 1954. 7 p.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

ZAKAR, Pal, okleveles vegyeszmernok; SIMON, Miklos, okleveles vegyeszmernok;
VAJTANE KRALIK, Zsolt, dr., vegyeszmernok; VAJTA, Laszlo, dr.,
egyetemi tanar (Budapest); CSAGOLY, Jozsef, okleveles vegyeszmernok

Road building bitumens. Melyepitestud szemle 14 no.12:545-
547 D '64.

1. Division Chief, Hungarian Mineral Oil and Natural Gas
Experimental Institute (for Zakar). 2. Head, Asphalt
Laboratory of the Road Research Institute, Budapest (for
Simon). 3. Mineral Oil Quality Control Institute, Budapest
(for Vajtane Kralik). 4. Concrete Road Building Enterprise,
Budapest (for Csagoly).